Sequence : popple   Institute : NHK
Bit rate : 9Mbps   Date :   / /91

Field	Bits	SNR(dB) Y	Cb	Cr	Field	Bits	SNR(dB) Y	Cb	Cr
0	888048	35.36	45.91	45.96	50	88512	32.45	37.62	37.87
1	221152	33.95	39.45	39.78	51	97344	32.52	36.86	37.20
2	94896	32.43	37.70	38.13	52	115664	32.71	37.74	38.01
3	107120	32.60	37.00	37.46	53	117888	32.74	37.16	37.45
4	115744	32.63	37.53	37.79	54	113984	32.65	37.39	37.64
5	123184	32.59	37.03	37.38	55	116112	32.58	37.09	37.33
6	119584	32.58	37.20	37.65	56	114496	32.49	37.01	37.35
7	115504	32.32	36.54	36.90	57	114800	32.33	36.56	36.91
8	107808	32.09	36.36	36.80	58	108512	32.12	36.40	36.81
9	106368	31.83	35.68	36.12	59	103424	31.94	35.98	36.30
10	110208	31.86	35.97	36.34	60	110192	31.97	36.10	36.57
11	106688	31.90	35.80	36.23	61	109568	31.92	35.88	36.35
12	110704	31.89	36.09	36.42	62	110736	31.92	35.90	36.38
13	107936	31.83	35.73	36.21	63	111616	31.89	35.70	36.29
14	108544	31.98	35.81	36.29	64	110784	31.93	35.85	36.39
15	110544	31.94	35.79	35.97	65	113600	31.80	35.70	36.19
16	111664	31.81	35.79	36.07	66	107440	31.81	35.68	36.19
17	110288	31.80	35.62	35.97	67	113424	31.82	35.53	35.97
18	113984	31.78	35.67	36.08	68	111136	31.73	35.53	36.10
19	111360	31.66	35.32	35.81	69	106336	31.53	35.25	35.70
20	111568	31.57	35.34	35.74	70	107184	31.60	35.31	35.85
21	106608	31.36	35.00	35.38	71	108368	31.58	35.18	35.69
22	108336	31.37	35.08	35.50	72	920608	35.45	45.93	46.17
23	110928	31.33	34.92	35.50	73	206480	33.93	39.58	39.81
24	919472	34.92	45.52	45.73	74	87280	32.22	37.43	37.84
25	211216	33.51	39.14	39.43	75	95280	32.32	36.80	37.18
26	87856	31.95	37.00	37.22	76	104272	32.43	37.29	37.81
27	88368	31.93	36.27	36.70	77	114320	32.56	37.05	37.48
28	101680	32.11	36.68	37.20	78	117776	32.71	37.45	37.93
29	113872	32.25	36.55	36.99	79	130032	32.80	37.25	37.73
30	123472	32.50	37.21	37.58	80	121232	32.62	37.11	37.67
31	128320	32.68	36.94	37.39	81	113664	32.46	36.55	37.13
32	121808	32.60	37.07	37.40	82	111856	32.38	36.46	37.10
33	114208	32.36	36.52	36.96	83	112832	32.24	36.17	36.73
34	105968	32.08	36.40	36.73	84	111232	32.12	36.29	36.84
35	108384	31.94	35.79	36.38	85	106944	31.90	35.77	36.34
36	101376	31.76	35.59	36.14	86	103920	31.75	35.70	36.41
37	109328	31.92	35.67	36.17	87	102304	31.69	35.38	36.09
38	110736	31.93	35.79	36.22	88	108720	31.70	35.68	36.26
39	109088	31.92	35.60	36.04	89	110900	31.67	35.46	36.11
40	114160	31.84	35.75	36.19	90	111872	31.70	35.52	36.15
41	108480	31.82	35.40	35.85	91	108192	31.69	35.32	35.96
42	110096	31.82	35.58	36.01	92	107392	31.73	35.44	36.18
43	112880	31.79	35.55	35.95	93	109072	31.78	35.40	36.01
44	107872	31.82	35.49	36.03	94	107056	31.89	35.56	36.01
45	110256	31.81	35.44	35.87	95	109824	31.88	35.44	35.94
46	112816	31.87	35.47	36.08	96	923008	35.01	45.63	45.83
47	111136	31.87	35.38	35.84	97	211424	33.93	39.50	39.79
48	916848	35.54	45.92	46.03	98	86384	32.24	37.77	38.15
49	207712	33.94	39.36	39.63	99	95296	32.43	36.96	37.46

Field	Bits	SNR(dB) Y	Cb	Cr	Field	Bits	SNR(dB) Y	Cb	Cr
100	107840	32.43	37.17	37.75	150	114304	34.36	37.71	37.94
101	117040	32.72	37.10	37.63	151	105600	34.16	37.24	37.48
102	125936	32.83	37.60	38.10	152	104656	34.06	37.04	37.19
103	117440	32.60	36.77	37.24	153	108400	34.28	37.18	37.26
104	116064	32.44	36.64	37.32	154	107792	34.34	37.10	37.25
105	115536	32.25	36.29	36.74	155	111744	34.36	37.06	37.08
106	108272	32.05	36.04	36.55	156	113088	34.35	36.75	36.89
107	106400	31.68	35.61	36.15	157	109952	34.44	36.80	36.83
108	109168	31.72	35.68	36.20	158	110992	34.40	36.80	36.79
109	115376	31.75	35.47	36.03	159	113504	34.38	36.69	36.73
110	110640	31.68	35.51	36.04	160	112000	34.20	36.40	36.40
111	105440	31.36	35.08	35.68	161	109968	34.06	36.05	36.02
112	110352	31.45	35.20	35.66	162	106272	34.03	35.74	35.70
113	112000	31.45	35.22	35.59	163	104064	33.91	35.43	35.55
114	111216	31.48	35.05	35.49	164	108640	33.99	35.58	35.68
115	106800	31.34	34.92	35.40	165	109712	33.96	35.39	35.61
116	106240	31.36	35.08	35.44	166	111488	33.94	35.42	35.50
117	106896	31.34	35.02	35.57	167	112832	34.06	35.50	35.56
118	103568	31.59	35.20	35.56	168	882944	39.57	48.70	48.02
119	107504	31.79	35.15	35.62	169	225536	36.65	41.61	41.36
120	931264	35.98	46.36	46.41	170	100848	34.73	37.18	37.34
121	214720	34.26	39.91	40.13	171	116928	34.70	36.91	36.99
122	87888	32.19	37.17	37.38	172	117120	34.57	36.55	36.58
123	98880	32.24	36.72	37.17	173	110080	34.50	36.11	36.23
124	107728	32.36	36.94	37.32	174	110304	34.29	35.55	35.68
125	119392	32.45	36.77	37.24	175	118192	34.35	35.74	35.89
126	124048	32.31	36.64	37.19	176	110240	34.18	35.34	35.43
127	121680	32.23	36.45	36.93	177	114048	34.00	35.01	35.19
128	118384	32.20	36.25	36.74	178	118864	33.80	34.78	34.84
129	111936	32.10	36.03	36.56	179	114160	33.64	34.32	34.45
130	106768	31.93	35.55	36.31	180	113136	33.35	33.90	33.97
131	104672	31.78	35.25	35.92	181	103952	33.15	33.54	33.72
132	102304	31.68	35.28	35.97	182	102224	32.92	33.30	33.54
133	102976	31.61	35.05	35.80	183	106384	32.75	33.19	33.28
134	101040	31.84	35.16	35.84	184	111920	32.66	32.98	33.10
135	106320	31.98	35.27	35.93	185	109008	32.52	32.55	32.80
136	103184	32.25	35.30	35.97	186	111088	32.52	32.57	32.86
137	108096	32.39	35.64	36.20	187	107840	32.12	32.27	32.52
138	116272	32.59	35.78	36.37	188	110432	31.84	32.21	32.44
139	117712	32.77	35.94	36.46	189	114272	31.81	32.20	32.37
140	117136	32.89	36.02	36.50	190	116288	31.53	31.94	31.98
141	110192	33.02	35.92	36.45	191	113584	31.51	31.72	31.81
142	108704	33.05	35.91	36.33	192	883104	38.48	47.48	47.76
143	110656	33.07	35.86	36.37	193	253152	35.05	38.56	38.59
144	907952	37.71	47.30	47.31	194	83680	31.64	32.75	32.96
145	191072	35.90	41.14	41.25	195	104640	31.23	32.01	32.14
146	102736	34.40	38.50	38.78	196	102480	31.02	31.74	31.96
147	119408	34.54	38.55	38.83	197	107424	31.28	32.02	32.25
148	118928	34.58	38.39	38.66	198	108768	31.41	32.18	32.55
149	119456	34.56	38.09	38.41	199	111856	31.14	32.06	32.28

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Field	Bits	SNR(dB) Y	Cb	Cr	Field	Bits	SNR(dB) Y	Cb	Cr
200	113104	30.99	32.12	32.10	250	111312	29.52	30.06	30.40
201	116656	30.78	31.92	32.00	251	112784	29.50	30.00	30.28
202	113664	30.86	31.69	31.76	252	103120	29.28	29.79	29.94
203	112352	30.88	31.50	31.70	253	101616	29.09	29.75	29.97
204	111040	30.79	31.53	31.71	254	104752	29.19	29.86	30.20
205	107008	30.27	31.17	31.34	255	108064	29.32	30.13	30.34
206	109280	30.00	31.04	31.14	256	111072	29.53	30.05	30.34
207	101568	29.99	30.58	30.69	257	112704	29.65	30.12	30.37
208	112496	30.12	30.80	30.77	258	113920	29.56	30.05	30.22
209	111664	30.21	30.61	30.74	259	119392	29.41	30.11	30.22
210	106000	30.24	30.78	30.85	260	110624	29.41	30.13	30.19
211	106784	30.22	30.93	31.05	261	109392	29.46	30.04	30.20
212	112304	30.30	31.02	30.97	262	117136	29.48	29.82	30.05
213	114624	30.34	30.94	31.00	263	105120	29.54	29.62	29.93
214	120352	30.43	30.79	30.94	264	902624	37.28	46.16	46.97
215	119360	30.38	30.76	30.90	265	225456	32.77	35.71	35.95
216	880080	37.52	46.42	47.11	266	89216	29.71	31.08	31.33
217	232960	34.04	37.19	37.37	267	106720	29.69	30.92	31.07
218	100944	30.77	31.87	32.13	268	106672	29.43	30.52	30.61
219	113104	30.50	31.23	31.43	269	116144	29.69	30.32	30.57
220	103840	30.42	30.78	31.09	270	118560	29.52	30.39	30.71
221	105488	30.44	30.67	30.93	271	113472	29.16	30.34	30.56
222	105168	30.42	30.78	31.12	272	109600	29.23	30.30	30.45
223	102288	30.35	30.95	31.02	273	112688	29.11	30.15	30.31
224	113120	30.34	30.72	30.99	274	111136	29.25	30.10	30.16
225	115104	30.46	30.50	30.90	275	108976	29.25	29.89	30.07
226	117824	30.65	30.58	30.87	276	110560	28.96	29.93	30.03
227	112688	30.76	30.57	30.89	277	103600	28.72	29.60	29.83
228	106736	30.61	30.73	30.92	278	104912	28.86	29.76	30.03
229	105424	30.61	30.83	31.05	279	111184	29.09	29.71	30.08
230	109808	30.56	30.79	30.94	280	106640	29.56	30.15	30.35
231	117472	30.53	30.45	30.71	281	109824	29.79	29.97	30.27
232	116864	30.53	30.46	30.71	282	122592	29.65	30.05	30.48
233	103040	30.49	30.20	30.38	283	121488	29.19	30.11	30.43
234	101696	30.30	30.28	30.47	284	110112	29.06	30.09	30.36
235	99888	30.19	30.37	30.59	285	106672	29.07	29.76	30.16
236	108320	30.10	30.47	30.59	286	108240	29.33	30.00	30.31
237	117600	30.26	30.41	30.61	287	105760	29.29	29.87	30.14
238	122016	30.22	30.32	30.54	288	888416	37.14	45.96	46.81
239	114944	30.18	30.25	30.45	289	235056	32.75	35.93	36.17
240	886896	37.48	46.35	47.22	290	96624	29.56	31.13	31.37
241	232944	33.63	36.59	36.71	291	108880	29.51	31.07	31.13
242	97280	29.99	31.22	31.43	292	108592	29.58	30.82	30.96
243	115840	29.83	30.91	31.00	293	105488	29.87	30.83	30.92
244	109792	29.85	30.59	30.82	294	121712	29.79	30.76	31.03
245	110736	29.85	30.50	30.73	295	119152	29.42	30.61	30.78
246	108512	29.70	30.45	30.60	296	112832	29.12	30.48	30.59
247	112368	29.53	30.46	30.54	297	112160	29.07	30.28	30.52
248	109728	29.39	30.37	30.39	298	110096	29.13	30.09	30.32
249	111680	29.43	30.19	30.39	299	104656	29.08	29.97	30.13

Sequence : football   Institute : NHK
Bit rate : 4Mbps   Date :   / /91

Field	Bits	Y	Cb	Cr	Field	Bits	Y	Cb	Cr
0	423504	37.27	42.91	43.85	50	39136	30.51	36.27	38.32
1	67728	33.64	39.75	40.82	51	46288	29.81	35.60	37.66
2	54224	32.70	38.47	39.72	52	45312	29.78	35.15	37.42
3	73200	33.10	38.25	39.40	53	46672	29.60	34.95	37.02
4	82496	32.69	37.98	39.07	54	48976	29.87	34.78	36.69
5	73104	32.70	37.80	38.87	55	47136	29.42	34.50	36.32
6	71936	32.34	37.40	38.67	56	45056	29.37	34.34	36.16
7	64064	31.67	36.81	38.17	57	45856	29.40	34.33	36.06
8	55712	31.27	36.30	37.74	58	43344	29.48	34.38	36.12
9	49936	30.80	35.76	37.30	59	43248	29.52	34.39	36.12
10	45104	30.38	35.38	37.10	60	43088	29.56	34.32	36.02
11	44400	30.04	35.20	36.87	61	44176	29.40	34.40	36.08
12	42160	29.93	35.08	36.87	62	43024	29.60	34.35	36.05
13	41856	29.68	34.73	36.64	63	44368	29.49	34.23	36.06
14	40016	29.01	34.25	36.05	64	44064	29.60	34.21	35.90
15	38800	28.81	34.02	35.75	65	47104	29.70	34.27	35.91
16	38272	28.81	33.76	35.68	66	48448	29.61	34.26	35.89
17	38384	28.68	33.61	35.68	67	46896	29.87	34.21	35.92
18	39184	28.24	33.46	35.70	68	46656	29.72	34.09	35.81
19	37312	28.23	33.26	35.56	69	43872	29.86	33.95	35.79
20	36608	28.23	33.22	35.47	70	44816	29.60	33.85	35.72
21	38608	28.27	33.32	35.39	71	43440	29.68	33.80	35.72
22	38256	28.37	33.35	35.46	72	495056	35.76	41.51	42.10
23	38144	28.28	33.37	35.48	73	87952	33.53	39.02	40.08
24	506800	36.76	42.42	43.12	74	37600	31.64	37.68	39.26
25	92800	33.35	38.86	40.09	75	45728	31.11	36.89	38.61
26	34544	29.97	36.40	38.33	76	48080	31.50	36.57	38.41
27	39008	29.64	35.39	37.66	77	50432	31.03	36.08	37.84
28	39664	29.53	34.89	37.42	78	52080	31.11	35.81	37.73
29	41760	29.56	34.62	36.92	79	55504	30.88	35.66	37.36
30	43488	29.79	34.48	36.69	80	53872	30.40	35.40	37.08
31	46096	29.85	34.46	36.44	81	48224	30.76	35.32	37.05
32	48192	29.87	34.44	36.40	82	48208	30.33	35.18	36.88
33	49824	30.09	34.40	36.16	83	44992	30.31	35.05	36.73
34	53840	29.93	34.28	35.92	84	42832	29.98	34.87	36.48
35	54960	30.21	34.31	35.91	85	43712	29.65	34.69	36.43
36	56400	29.91	34.21	35.73	86	41648	29.71	34.53	36.33
37	54016	30.06	34.26	35.77	87	40832	29.78	34.47	36.31
38	50400	29.74	34.09	35.83	88	41344	29.50	34.24	36.15
39	47728	29.70	33.99	35.72	89	42480	29.77	34.36	36.07
40	49056	29.45	33.95	35.53	90	43120	29.35	34.07	35.84
41	46944	29.37	33.78	35.40	91	44304	29.54	34.10	35.75
42	46720	29.11	33.62	35.33	92	46832	29.27	34.01	35.57
43	44176	29.11	33.60	35.34	93	46096	29.43	34.11	35.63
44	44832	28.95	33.56	35.37	94	44848	29.26	33.94	35.44
45	45568	28.86	33.40	35.19	95	43952	29.43	33.84	35.35
46	45648	28.56	33.12	34.93	96	494208	35.63	41.24	41.86
47	43008	28.48	32.88	34.86	97	95136	33.83	38.67	39.84
48	484576	35.92	41.51	42.22	98	43536	30.55	36.69	38.40
49	95136	33.12	38.48	39.83	99	45424	30.74	36.11	37.83

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Field	Bits	SNR(dB) Y	Cb	Cr	Field	Bits	SNR(dB) Y	Cb	Cr
100	45856	30.08	35.69	37.29	150	50240	30.41	35.49	37.47
101	45680	30.33	35.45	37.02	151	48096	30.34	35.22	37.26
102	45424	30.00	35.05	36.75	152	49056	30.19	35.04	36.98
103	45328	29.89	34.92	36.64	153	47360	30.13	34.87	36.79
104	47200	29.57	34.68	36.38	154	44832	29.87	34.49	36.43
105	45696	30.03	34.70	36.28	155	45296	29.60	34.36	36.34
106	49632	29.77	34.61	36.04	156	44880	29.51	34.03	36.11
107	47840	29.85	34.57	36.05	157	43600	29.36	33.91	35.97
108	45968	29.83	34.49	35.98	158	44384	29.24	33.81	35.77
109	47456	29.99	34.41	35.93	159	45152	29.21	33.70	35.67
110	46624	29.49	34.21	35.77	160	47280	29.15	33.56	35.44
111	42768	29.56	34.05	35.75	161	44448	28.99	33.46	35.21
112	43888	29.09	33.89	35.37	162	44400	28.84	33.33	35.13
113	43680	29.31	33.78	35.32	163	44000	28.66	33.16	34.93
114	44656	29.06	33.69	35.17	164	43344	28.49	32.95	34.81
115	41696	29.32	33.62	35.11	165	43584	28.43	32.83	34.72
116	41168	29.10	33.57	35.11	166	45072	28.46	32.80	34.60
117	42608	29.50	33.67	35.27	167	43856	28.41	32.80	34.52
118	44784	29.31	33.63	35.21	168	494720	35.14	40.85	41.63
119	44944	29.67	33.75	35.30	169	101552	33.53	38.31	39.78
120	503152	35.33	41.09	41.85	170	36800	30.11	36.64	38.57
121	95552	33.43	38.56	39.77	171	40672	29.75	35.91	37.84
122	39184	30.80	37.28	38.85	172	41776	29.51	35.32	37.31
123	41424	30.93	36.88	38.34	173	44000	29.41	34.90	36.97
124	44544	30.71	36.47	37.91	174	47552	29.37	34.63	36.60
125	47376	30.89	36.19	37.63	175	46592	29.41	34.46	36.34
126	50512	30.75	35.94	37.40	176	49440	29.45	34.32	36.10
127	48464	30.69	35.69	37.16	177	47408	29.30	34.21	36.02
128	51200	30.52	35.52	36.99	178	47024	29.24	34.15	35.84
129	49232	30.62	35.33	36.97	179	47056	29.27	34.14	35.84
130	50112	30.37	35.12	36.82	180	48016	29.27	34.10	35.71
131	45760	30.44	35.05	36.74	181	46576	29.24	34.05	35.70
132	43264	30.08	34.83	36.48	182	46640	29.25	33.84	35.54
133	42272	30.04	34.71	36.34	183	45232	29.22	33.84	35.57
134	42720	29.74	34.49	36.09	184	46032	29.33	33.78	35.47
135	44848	29.87	34.47	35.99	185	43840	29.30	33.72	35.37
136	44816	29.56	34.32	35.85	186	44880	29.40	33.64	35.30
137	42880	29.72	34.33	35.91	187	43104	29.35	33.60	35.22
138	42912	29.61	34.20	35.76	188	45712	29.34	33.52	35.07
139	44576	29.66	34.10	35.77	189	45088	29.29	33.53	35.03
140	43136	29.63	33.96	35.71	190	48288	29.20	33.47	34.93
141	43904	29.46	33.91	35.64	191	46800	29.17	33.51	34.84
142	44496	29.60	33.87	35.60	192	479600	35.10	40.89	41.49
143	46240	29.71	34.03	35.60	193	101152	34.19	38.97	39.91
144	499824	35.40	41.23	41.94	194	39888	30.88	37.33	38.72
145	90896	33.74	38.88	40.20	195	46448	30.55	36.50	38.00
146	39824	31.15	37.34	39.25	196	50192	30.16	35.97	37.34
147	47024	30.94	36.79	38.67	197	48368	29.97	35.70	37.00
148	49600	30.92	36.25	38.22	198	48720	29.74	35.29	36.56
149	49184	30.66	35.88	37.81	199	51296	29.66	35.14	36.25

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Field	Bits	SNR(dB) Y	Cb	Cr	Field	Bits	SNR(dB) Y	Cb	Cr
200	48672	29.74	34.93	35.93	250	44960	28.23	32.64	34.03
201	44848	29.41	34.72	35.84	251	44992	28.10	32.54	33.91
202	44192	29.36	34.51	35.67	252	44032	28.00	32.31	33.78
203	42896	29.17	34.42	35.63	253	43888	27.81	32.11	33.65
204	44208	29.20	34.27	35.51	254	43872	27.70	31.90	33.46
205	42960	29.07	34.19	35.32	255	42992	27.50	31.83	33.28
206	44736	29.16	34.03	35.06	256	41696	27.24	31.53	33.14
207	44592	29.05	33.99	34.95	257	40368	27.20	31.45	33.22
208	44960	29.08	33.88	34.93	258	39824	27.08	31.35	33.05
209	45616	29.07	33.77	34.83	259	39728	27.14	31.24	32.93
210	44576	29.04	33.70	34.76	260	40176	27.06	31.20	32.77
211	43728	29.03	33.66	34.71	261	38432	27.13	31.20	32.72
212	43264	29.10	33.57	34.68	262	38912	27.26	31.30	32.87
213	44880	29.06	33.57	34.70	263	40096	27.50	31.41	33.03
214	46480	29.08	33.43	34.73	264	517920	34.59	40.20	40.84
215	44064	28.95	33.38	34.61	265	113200	33.18	37.60	38.60
216	490240	34.81	40.56	41.12	266	31584	29.27	35.78	37.10
217	117296	33.82	38.45	39.24	267	36016	29.07	35.01	36.37
218	35568	31.02	36.70	38.00	268	36864	28.77	34.42	36.05
219	42128	30.46	35.79	37.20	269	38624	28.84	34.13	35.82
220	46480	30.14	35.31	36.72	270	38560	28.95	33.82	35.56
221	47056	30.11	34.85	36.34	271	40848	29.25	33.66	35.41
222	46784	29.98	34.56	36.09	272	43344	29.46	33.64	35.36
223	47312	29.79	34.31	35.73	273	48736	29.63	33.66	35.27
224	46032	29.77	34.09	35.63	274	55200	30.19	33.73	35.20
225	46384	29.64	33.89	35.38	275	54640	30.37	33.86	35.19
226	45328	29.60	33.73	35.22	276	57120	30.51	33.82	35.17
227	45216	29.39	33.70	35.06	277	53872	30.62	33.87	35.16
228	45792	29.30	33.59	34.94	278	54384	30.54	33.74	35.00
229	45232	29.36	33.59	34.90	279	50960	30.49	33.56	34.84
230	44400	29.24	33.39	34.68	280	48704	30.09	33.33	34.63
231	45344	29.28	33.29	34.58	281	45232	29.69	33.18	34.45
232	46192	29.18	33.14	34.44	282	44272	29.32	32.98	34.27
233	44192	29.07	33.06	34.41	283	38400	29.12	32.93	34.21
234	43600	28.97	32.94	34.35	284	41616	28.93	32.79	34.12
235	44560	29.11	32.98	34.42	285	44272	28.66	32.67	33.96
236	45312	28.98	32.87	34.30	286	45104	28.64	32.51	33.81
237	46256	28.94	32.84	34.26	287	43984	28.68	32.51	33.72
238	45520	28.83	32.73	34.14	288	484864	33.90	39.57	40.20
239	45168	28.80	32.72	34.06	289	104880	32.88	37.30	38.29
240	481696	34.64	40.24	40.79	290	35136	30.68	36.18	37.57
241	127008	33.67	37.84	38.75	291	41408	30.45	35.53	36.87
242	37808	30.61	36.10	37.59	292	47936	30.12	35.18	36.39
243	42944	29.92	35.21	36.63	293	48336	30.28	34.89	36.07
244	44368	29.49	34.61	36.08	294	47920	29.97	34.62	35.83
245	45856	29.20	34.16	35.51	295	47696	29.89	34.36	35.56
246	49072	29.09	33.77	35.08	296	48352	29.71	34.08	35.41
247	48624	28.70	33.27	34.72	297	49104	29.48	33.84	35.22
248	48528	28.44	33.02	34.39	298	50096	29.61	33.65	35.06
249	45344	28.31	32.80	34.24	299	47696	29.31	33.52	34.93

Annex II

Cumulative bit count once every 0.4 second

Institute : NHK
Date :   / /91

Sequence : flower garden
Bit rate : 4Mbps

GOP No.	BITS
1	1601296
2	1572304
3	1630624
4	1552432
5	1585424
6	1627648
7	1574576
8	1567440
9	1592704
10	1583872
11	1603488
12	1578944
AVE	1589229(3.973 Mbps)

Sequence : table tennis
Bit rate : 4Mbps

GOP No.	BITS
1	1594304
2	1597584
3	1562400
4	1607072
5	1570896
6	1625824
7	1565712
8	1594992
9	1398032
10	1783296
11	1576864
12	1606960
AVE	1590328(3.976 Mbps)

Sequence : mobile & calendar
Bit rate : 4Mbps

GOP No.	BITS
1	1574960
2	1605296
3	1587744
4	1591984
5	1592848
6	1592592
7	1588512
8	1591728
9	1583808
10	1595520
11	1585312
12	1611728
AVE	1591836(3.980 Mbps)

Sequence : football
Bit rate : 4Mbps

GOP No.	BITS
1	1573008
2	1625472
3	1570688
4	1589728
5	1581200
6	1592576
7	1595232
8	1594800
9	1580336
10	1597392
11	1555216
12	1623456
AVE	1589925(3.975 Mbps)

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Sequence : flower garden
Bit rate : 9Mbps

GOP No.	BITS
1	3601584
2	3493600
3	3514400
4	3559152
5	3537008
6	3537168
7	3564112
8	3507776
9	3554336
10	3523360
11	3560720
12	3538832
AVE	3541004(8.853 Mbps)

Sequence : table tennis
Bit rate : 9Mbps

GOP No.	BITS
1	3530448
2	3559296
3	3513664
4	3539712
5	3539424
6	3520464
7	3556400
8	3540944
9	3539248
10	3542016
11	3530080
12	3537520
AVE	3537434(8.844 Mbps)

Sequence : popple
Bit rate : 9Mbps

GOP No.	BITS
1	3538768
2	3542848
3	3535680
4	3533120
5	3535840
6	3551952
7	3534560
8	3559392
9	3543360
10	3526416
11	3536784
12	3542848
AVE	3540130(8.850 Mbps)

Sequence : mobile & calendar
Bit rate : 9Mbps

GOP No.	BITS
1	3517456
2	3549344
3	3551456
4	3541376
5	3531840
6	3545648
7	3521664
8	3559648
9	3538112
10	3532992
11	3546704
12	3526192
AVE	3538536(8.846 Mbps)

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Annex III

Other statistics

Sequence : flower garden   Institute : NHK
Bit rate : 4Mbps   Date :   / /91

	ALL	Intra	P1	P2
MSE				
Y	134.73	56.20	148.52	137.80
Cb	42.39	14.57	29.04	44.34
Cr	32.10	13.80	24.40	33.34
RMS				
Y	11.61	7.50	12.19	11.74
Cb	6.51	3.82	5.39	6.66
Cr	5.67	3.72	4.94	5.77
SNR				
Y	26.84	30.63	26.41	26.74
Cb	31.86	36.50	33.50	31.66
Cr	33.07	36.73	34.26	32.90
QP	28.41	8.35	33.85	29.10
SC	4.05	14.90	4.64	3.50
ZC	8.33	11.60	7.19	8.23
NZB	1252.96	5279.92	1253.31	1061.88
Macroblock type				
Intra	69.25	1320.00	19.85	12.25
Interfield	6.81	0.00	8.38	7.05
MC Interfield	413.24	0.00	1291.77	391.16
Interframe	6.73	0.00	0.00	7.37
MC Interframe	823.97	0.00	0.00	902.16
Number of bits				
MBT	2575.06	0.00	2656.77	2693.36
MCV	8909.75	0.00	8486.00	9352.58
EOB	11017.60	21120.00	10560.00	10560.00
Y	34008.02	327617.08	32138.92	20166.34
Cb	5138.23	97708.00	586.62	962.19
Cr	4300.69	91792.00	346.00	337.27
OVH+STUFF	1235.87	1236.15	1228.15	1236.23
TOTAL	67185.23	539473.23	56002.46	45307.97

QP : Mean value of quantization parameter
SC : Mean value of the number of coded nonzero coefficients
ZC : Mean value of the number of coded zero coefficients
NZB : Mean value of the number of nonzero blocks
MBT : Macroblock types
MCV : Moton vectors
EOB : End of block
OVH+STUFF : Headers and stuffing bits

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Sequence : flower garden   Institute : NHK
Bit rate : 9Mbps   Date :   / /91

	ALL	Intra	P1	P2
MSE				
Y	52.17	30.15	38.78	53.85
Cb	24.93	7.27	17.41	26.13
Cr	24.30	7.15	17.43	25.44
RMS				
Y	7.22	5.49	6.23	7.34
Cb	4.99	2.70	4.17	5.11
Cr	4.93	2.67	4.18	5.04
SNR				
Y	30.96	33.34	32.24	30.82
Cb	34.16	39.51	35.72	33.96
Cr	34.27	39.59	35.72	34.08
QP	12.04	3.87	9.14	12.56
SC	7.72	23.84	12.33	6.74
ZC	13.17	15.23	12.88	13.09
NZB	2408.54	5280.00	2716.46	2257.69
Macroblock type				
Intra	66.45	1320.00	15.46	9.39
Interfield	5.81	0.00	6.69	6.04
MC Interfield	364.01	0.00	1297.85	336.98
Interframe	6.58	0.00	0.00	7.20
MC Interframe	877.15	0.00	0.00	960.39
Number of bits				
MBT	2567.53	0.00	2653.38	2685.27
MCV	8701.32	0.00	8337.08	9131.44
EOB	11017.60	21120.00	10560.00	10560.00
Y	100055.05	511986.15	182668.15	76591.28
Cb	14269.34	186567.85	9661.69	6313.20
Cr	11205.37	188667.54	7467.54	2962.97
OVH+STUFF	1235.47	1225.23	1245.38	1235.49
TOTAL	149051.68	909566.77	222593.23	109479.65

QP   : Mean value of quantization parameter
SC   : Mean value of the number of coded nonzero coefficients
ZC   : Mean value of the number of coded zero coefficients
NZB : Mean value of the number of nonzero blocks
MBT : Macroblock types
MCV : Motion vectors
EOB : End of block
OVH+STUFF : Headers and stuffing bits

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```
Sequence : mobile & calendar          Institute : NHK
Bit rate : 4Mbps                      Date :   /  /91
```

	ALL	Intra	P1	P2
MSE				
Y	189.61	153.97	138.04	193.75
Cb	41.00	20.19	31.04	42.46
Cr	38.49	17.14	26.60	40.07
RMS				
Y	13.77	12.41	11.75	13.92
Cb	6.40	4.49	5.57	6.52
Cr	6.20	4.14	5.16	6.33
SNR				
Y	25.35	26.26	26.73	25.26
Cb	32.00	35.08	33.21	31.85
Cr	32.28	35.79	33.88	32.10
QP	26.11	12.73	18.61	27.10
SC	4.53	12.92	8.06	3.97
ZC	17.07	10.13	17.81	17.37
NZB	1245.37	5259.38	2350.08	1002.51
Macroblock type				
Intra	79.29	1320.00	35.00	22.52
Interfield	11.03	0.00	12.31	11.49
MC Interfield	268.22	0.00	1272.69	233.29
Interframe	9.86	0.00	0.00	10.80
MC Interframe	951.60	0.00	0.00	1041.89
Number of bits				
MBT	2608.53	0.00	2664.62	2729.63
MCV	5329.57	0.00	6264.46	5538.07
EOB	11017.60	21120.00	10560.00	10560.00
Y	37703.53	279558.77	107989.69	22893.90
Cb	4367.50	80663.38	2306.00	845.43
Cr	4827.97	81421.85	2583.38	1300.45
OVH+STUFF	1231.55	1232.31	1236.77	1231.26
TOTAL	67086.24	463996.31	133604.92	45098.74

```
QP  : Mean value of quantization parameter
SC  : Mean value of the number of coded nonzero coefficients
ZC  : Mean value of the number of coded zero coefficients
NZB : Mean value of the number of nonzero blocks
MBT : Macroblock types
MCV : Moton vectors
EOB : End of block
OVH+STUFF ; Headers and stuffing bits
```

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Sequence : mobile & calendar   Institute : NHK
Bit rate : 9Mbps   Date :   / /91

	ALL	Intra	P1	P2
MSE				
Y	87.58	70.82	72.92	89.07
Cb	26.49	7.99	20.73	27.64
Cr	23.37	6.65	16.85	24.47
RMS				
Y	9.36	8.42	8.54	9.44
Cb	5.15	2.83	4.55	5.26
Cr	4.83	2.58	4.11	4.95
SNR				
Y	28.71	29.63	29.50	28.63
Cb	33.90	39.10	34.96	33.72
Cr	34.44	39.90	35.86	34.24
QP	12.46	4.79	10.63	12.91
SC	8.30	23.41	12.14	7.40
ZC	22.42	14.92	18.51	22.96
NZB	2231.44	5277.69	3005.38	2050.19
Macroblock type				
Intra	72.75	1320.00	17.46	16.20
Interfield	7.21	0.00	10.38	7.40
MC Interfield	223.63	0.00	1292.15	183.54
Interframe	8.52	0.00	0.00	9.33
MC Interframe	1007.89	0.00	0.00	1103.53
Number of bits				
MBT	2586.65	0.00	2660.77	2705.86
MCV	5076.67	0.00	6157.69	5266.25
EOB	11017.60	21120.00	10560.00	10560.00
Y	104671.60	499649.23	201302.62	81347.10
Cb	11886.09	183885.38	8355.69	3893.04
Cr	12462.96	175637.69	8057.23	4930.12
OVH+STUFF	1235.39	1226.46	1238.31	1235.67
TOTAL	148936.96	881518.77	238332.31	109938.04

QP : Mean value of quantization parameter
SC : Mean value of the number of coded nonzero coefficients
ZC : Mean value of the number of coded zero coefficients
NZB : Mean value of the number of nonzero blocks
MBT : Macroblock types
MCV : Moton vectors
EOB : End of block
OVH+STUFF : Headers and stuffing bits

Sequence : table tennis   Institute : NHK
Bit rate : 4Mbps   Date :   / /91

	ALL	Intra	P1	P2
MSE				
Y	96.96	65.05	75.54	99.49
Cb	8.17	3.75	6.48	8.46
Cr	8.33	2.79	5.18	8.74
RMS				
Y	9.85	8.07	8.69	9.97
Cb	2.86	1.94	2.55	2.91
Cr	2.89	1.67	2.28	2.96
SNR				
Y	28.26	30.00	29.35	28.15
Cb	39.01	42.39	40.01	38.86
Cr	38.92	43.67	40.99	38.71
QP	21.78	5.07	11.16	23.07
SC	4.98	13.51	9.60	4.36
ZC	17.74	13.04	20.43	17.83
NZB	997.86	5279.38	1624.15	765.00
Macroblock type				
Intra	90.33	1320.00	36.31	34.55
Interfield	26.72	0.00	27.62	27.94
MC Interfield	465.32	0.00	1256.08	449.88
Interframe	313.99	0.00	0.00	343.78
MC Interframe	423.64	0.00	0.00	463.84
Number of bits				
MBT	3270.13	0.00	2695.23	3452.56
MCV	6725.31	0.00	9046.77	6934.26
EOB	11017.60	21120.00	10560.00	10560.00
Y	36702.91	323231.69	90210.77	20569.79
Cb	3963.57	68064.00	2837.69	975.73
Cr	4217.85	66265.23	3196.77	1322.44
OVH+STUFF	1233.39	1239.08	1218.92	1233.81
TOTAL	67130.77	479920.00	119766.15	45048.58

QP   : Mean value of quantization parameter
SC   : Mean value of the number of coded nonzero coefficients
ZC   : Mean value of the number of coded zero coefficients
NZB : Mean value of the number of nonzero blocks
MBT : Macroblock types
MCV : Moton vectors
EOB : End of block
OVH+STUFF : Headers and stuffing bits

```
Sequence : table tennis                Institute : NHK
Bit rate : 9Mbps                       Date :   /  /91

                    ALL      Intra       P1        P2
MSE
     Y            50.49     37.31     50.02     51.14
     Cb            5.75      1.91      5.16      5.96
     Cr            4.76      1.37      3.84      4.97

RMS
     Y             7.11      6.11      7.07      7.15
     Cb            2.40      1.38      2.27      2.44
     Cr            2.18      1.17      1.96      2.23

SNR
     Y            31.10     32.41     31.14     31.04
     Cb           40.54     45.32     41.01     40.38
     Cr           41.35     46.76     42.28     41.17

QP                 7.59      2.13      6.74      7.89
SC                 8.69     24.61     12.63      7.75
ZC                25.22     18.39     22.46     25.67
NZB             2110.51   5280.00   2542.54   1939.64

Macroblock type
   Intra           81.32   1320.00     47.38     24.16
   Interfield      14.82      0.00     17.85     15.38
   MC Interfield  430.95      0.00   1254.77    412.31
   Interframe     376.89      0.00      0.00    412.65
   MC Interframe  416.03      0.00      0.00    455.50

Number of bits
   MBT            3353.13       0.00    2675.69    3544.36
   MCV            6130.46       0.00    8809.23    6294.23
   EOB          11017.60   21120.00   10560.00   10560.00
   Y           106483.61  563978.46  182189.85   81185.75
   Cb           10088.58  160772.77    8899.38    2995.75
   Cr           10570.03  146641.54    9153.38    4181.30
   OVH+STUFF     1232.58    1239.85    1222.62    1232.71
   TOTAL       148876.00  893752.62  223510.15  109994.10
```

QP : Mean value of quantization parameter
SC : Mean value of the number of coded nonzero coefficients
ZC : Mean value of the number of coded zero coefficients
NZB : Mean value of the number of nonzero blocks
MBT : Macroblock types
MCV : Moton vectors
EOB : End of block
OVH+STUFF : Headers and stuffing bits

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Sequence : popple   Institute : NHK
Bit rate : 9Mbps   Date :   / /91

	ALL	Intra	P1	P2
MSE				
Y	45.58	14.52	25.57	48.00
Cb	29.39	1.50	9.48	31.66
Cr	27.68	1.40	9.07	29.81
RMS				
Y	6.75	3.81	5.06	6.93
Cb	5.42	1.23	3.08	5.63
Cr	5.26	1.18	3.01	5.46
SNR				
Y	31.54	36.51	34.05	31.32
Cb	33.45	46.36	38.36	33.13
Cr	33.71	46.66	38.55	33.39
QP	15.04	1.82	8.20	17.09
SC	6.37	23.18	9.02	5.45
ZC	9.34	20.98	10.15	8.75
NZB	2559.57	5280.00	3406.85	2390.30
Macroblock type				
Intra	320.78	1320.00	377.23	270.69
Interfield	6.64	0.00	7.00	6.94
MC Interfield	601.85	0.00	935.77	614.56
Interframe	38.02	0.00	0.00	41.63
MC Interframe	352.72	0.00	0.00	386.19
Number of bits				
MBT	3109.38	0.00	2654.00	3278.51
MCV	11097.35	0.00	9312.46	11708.55
EOB	11017.60	21120.00	10560.00	10560.00
Y	66308.11	459597.54	118567.54	45168.93
Cb	29875.99	209865.23	42505.23	20737.15
Cr	26378.62	210593.69	35857.69	17188.75
OVH+STUFF	1230.39	1228.46	1226.15	1230.69
TOTAL	149017.44	902404.92	220683.08	109872.58

QP : Mean value of quantization parameter
SC : Mean value of the number of coded nonzero coefficients
ZC : Mean value of the number of coded zero coefficients
NZB : Mean value of the number of nonzero blocks
MBT : Macroblock types
MCV : Moton vectors
EOB : End of block
OVH+STUFF : Headers and stuffing bits

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Sequence : football   Institute : NHK
Bit rate : 4Mbps   Date :   / /91

	ALL	Intra	P1	P2
MSE				
Y	68.85	19.11	28.92	73.11
Cb	23.53	5.15	9.25	25.08
Cr	16.38	4.42	7.17	17.39
RMS				
Y	8.30	4.37	5.38	8.55
Cb	4.85	2.27	3.04	5.01
Cr	4.05	2.10	2.68	4.17
SNR				
Y	29.75	35.32	33.52	29.49
Cb	34.41	41.01	38.47	34.14
Cr	35.99	41.67	39.57	35.73
QP	24.35	5.55	10.84	25.88
SC	4.58	13.55	6.55	4.07
ZC	7.92	11.44	9.33	7.68
NZB	1173.40	5279.69	1985.92	940.03
Macroblock type				
Intra	80.77	1320.00	17.00	25.00
Interfield	56.11	0.00	79.15	57.68
MC Interfield	702.44	0.00	1223.85	711.03
Interframe	95.34	0.00	0.00	104.38
MC Interframe	385.34	0.00	0.00	421.91
Number of bits				
MBT	2874.16	0.00	2798.31	3014.12
MCV	8793.27	0.00	8545.08	9222.24
EOB	11017.60	21120.00	10560.00	10560.00
Y	33805.02	304719.54	70874.15	19192.66
Cb	5407.07	87797.69	3593.54	1584.07
Cr	3974.73	74062.31	1648.92	759.75
OVH+STUFF	1236.58	1235.85	1232.92	1236.79
TOTAL	67108.43	488935.38	99252.92	45569.64

QP : Mean value of quantization parameter
SC : Mean value of the number of coded nonzero coefficients
ZC : Mean value of the number of coded zero coefficients
NZB : Mean value of the number of nonzero blocks
MBT : Macroblock types
MCV : Moton vectors
EOB : End of block
OVH+STUFF : Headers and stuffing bits

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